



KING COUNTY
.NET APPLICATION DEVELOPER
APPLICATION DEVELOPER, SENIOR
DEPARTMENT OF EXECUTIVE SERVICES
INFORMATION AND TELECOMMUNICATIONS SERVICES DIVISION
Annual Salary Range \$66,352 - \$84,105
Job Announcement: 06CY5744
OPEN: 1/9/06 CLOSE: Open Until Filled

WHO MAY APPLY: This position is open to the general public. This Term-limited Temporary position is fully benefited (healthcare/dental, sick leave, and vacation, etc.) and is anticipated to end by 1/31/07.

WHERE TO APPLY: Required application materials can be mailed or faxed to: **Christine Ynzunza, 700 Fifth Avenue, Suite 2300, Seattle, WA 98104, Fax 206-263-4834.** Email applications are encouraged at HRITS@metrokc.gov. All application materials are **required**. Applications materials must be received by 4:30 p.m. on the closing date. Postmarks are not accepted. Please note that applications not received at the location specified above and those that are not complete may not be processed.

FORMS AND MATERIALS REQUIRED:

- [King County application form](http://www.metrokc.gov/ohrm/jobs/JobApplications.htm). Application forms may be found at <http://www.metrokc.gov/ohrm/jobs/JobApplications.htm>
- Resume (WORD Format only)
- A letter of interest detailing your background and describing how you meet or exceed the requirements (WORD Format only)
- Responses to attached supplemental questionnaire.

WORK LOCATION: 700 Fifth Avenue, Seattle Municipal Tower, Downtown Seattle, WA.

WORK SCHEDULE: This position is exempt from the FLSA standards and is not overtime eligible. The work week is normally Monday through Friday 8:00 a.m. to 5:00 p.m.

POSITION PURPOSE: The Information and Telecommunications Services Division provides information technology support to all county departments. This position will work independently supporting the juvenile justice application. The primary responsibility of this position will be perform analysis on the current application, make recommendations regarding the migration of the application from Web Putty to a pure .Net environment. This position will also be responsible for the migration.

PRIMARY JOB DUTIES INCLUDE:

- Evaluate current JJWEB application; formulate recommendations for elimination of Web Putty and migration to a pure .NET environment.
- Collect requirements, perform system design, develop, test and implement enhancements solutions.

- Respond to customer's questions about the application.
- Resolve outstanding JJWEB system problems.
- Review and update system documentation to comply with ITS standards
- Formulate and coordinate a plan to migrate the JJWEB application and data from Superior Court to the ITS Data Center.
- Develop and oversee test plans and test scenarios based on requirements and specifications including utilization of efficient debugging processes.
- Conduct and participate in quality assurance reviews and peer reviews.
- Develop training plans and train others as needed.
- Be available after normal business hours to respond to customers.
- Other duties as assigned.

QUALIFICATIONS:

- Bachelor's degree in business, management information systems or computer science or related field is required, or an equivalent combination of experience and education may be substituted.
- At least 3 years experience in systems analysis, applications and systems design, development, documentation and testing applications, including 2 years object-oriented development experience with Web-based and Client Server applications.
- Experience developing and supporting mission critical Web and Desktop based applications using one or more of the following languages: C#, Access, ASP.NET, Java, VB script, XML, HTTP, HTTPS, HTML, VB, IIS, VPN, Secure FTP, APIs and other Web-based protocols.
- Experience working with SQL Server 2000, including developing and maintaining SQL databases, tables, and stored procedures. Experience with Reporting Services.
- At least one year report development experience using Crystal Reports.
- Knowledge and experience with software development best practices including software development lifecycles (SDLC's).
- Experience developing requirements, creating architecture and detail application design documents and formal testing procedures.
- Familiarity with project management concepts including software change management, configuration management, risk management and project estimating and scheduling (Work Breakdown Structure).
- Excellent oral and written communication skills.
- The demonstrated ability to positively contribute to a team environment.
- Outstanding organizational skills and the ability to prioritize multiple tasks.
- The ability to provide support to clients outside of normal business hours.
- The ability to coordinate with clients, understand their business needs, address sensitive issues that cross organizational lines and effectively manage conflicting priorities.

DESIRABLE QUALIFICATIONS:

- Development experience in the .NET environment utilizing .NET development tools such as Visual Basic.NET and Visual Studio.NET.
- Certification in Microsoft products such as SQL Server, C# .NET, Visual Basic .NET, ASP.NET and System Architecture and Design.
- Experience developing using a three-tier architecture.
- Use of middleware products, such as IBM's MQ series.
- Knowledge and experience using SQL Reporting Services

NECESSARY SPECIAL QUALIFICATIONS: The applicant selected for this position may be required to pass a thorough background investigation as a condition of employment.

SELECTION PROCESS: Applications will be screened for qualifications, clarity and completeness. The most competitive applicants may be invited to participate in an interview.

UNION REPRESENTATION: This position is represented by the International Federation of Professional and Technical Workers L17 IT bargaining unit.

CLASS CODE: 7320300

.NET APPLICATIONS DEVELOPER
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Supplemental Questionnaire

Please provide a concise written response to the following questions. You will be evaluated on your level and extent of experience, level of technical knowledge and clarity of response. Please include your name and job number at the top of each page.

1. Describe your experience and process in obtaining requirements for a new application including the steps taken and the documents produced. Explain how you built the project plan and estimated the project.
2. Define what you see are the essential phases of an application development project, from a stated idea by a client to the successful implementation and maintenance of the application.
3. Describe the server environments that you have both developed on and deployed to. What has been your role in these environments?
4. Describe your experience performing data modeling, database design and creation of SQL Server databases. Provide details about the most complex database you have designed including the Relational Data Base Management System used and number of tables. Describe the data access objects you have used; from which application languages to which databases.
5. Describe your design and development experience using C#.NET or VB.NET, including details about the application. You should describe the most complex project you've completed, the team size and project duration. Include information regarding your role on the project and tasks that were specifically your responsibility.

6. Please complete the skills matrix below:

Skill	Version	Years Experience	Month/Year Last Used	Self Rating (1-5) 1=novice 5=expert
Development Tools				
Visual Basic				
Visual Basic .NET				
ASP				
ASP.NET				
Access				
Front End (Forms, Reports, VBA)				
Back End (Data Base)				
C#.NET				
eCommerce Design/Development				
Data Base				
- Data Modeling				
- Database Design				
SQL Server				
- Transact SQL (TSQL)				
- Stored Procedures				
- DTS Packages				
- Reporting Services				
Mainframe				
COBOL				
CICS				
VSAM				
Middleware (MQ Series)				
Systems Development Life Cycle				
Requirements Definition Experience				
Project Management				
Work Breakdown Structure				
Task estimates				
Project Scheduling				
Microsoft Project (tool)				